

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR:	HIROYUKI HORITA AND YOSHINORI MIZUSHIMA
FOR:	PROGRAM RECEIVER

17858 U.S.PTO
10/725592



Enclosed are:

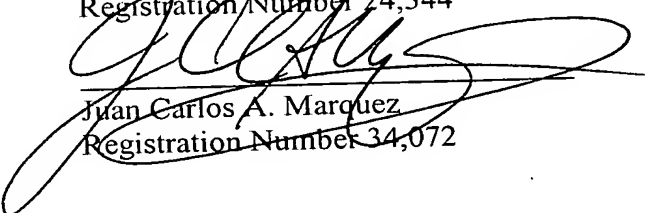
- 3 sheets of formal informal drawings.
- Request for Priority to claim the priority date of December 11, 2002
- A Preliminary Amendment
- An Executed Declaration
- An Assignment to Orion Electric Company Ltd.
- The filing fee is calculated as shown below:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	18	-20	x\$18=	0.00
INDEPENDENT CLAIMS	2	-3	x\$86=	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$290=	
			BASIC FEE	770.00
			TOTAL OF ABOVE	770.00
REDUCTION BY 1/2 FOR FILING BY SMALL ENTITY (note 37 C.F.R. § 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED.				
			TOTAL	770.00

- A check in the amount of \$810.00 to cover the filing and assignment fees in enclosed.
- The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley Fisher
Registration Number 24,344


Juan Carlos A. Marquez
Registration Number 34,072

REED SMITH LLP
3110 Fairview Park Drive
Suite 1400
Falls Church, Virginia 22042
(703) 641-4200
December 3, 2003